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Number of pages including cover letter: 19

Date: April 5, 2005

From: Kent Daniels

Telephone: (613) 780-8673

E-mail: kdaniels@ogilvyrenault.com

FACSIMILE INFORMATION			
<b>ART UNIT 2664</b> Examiner: Mark A. Mais	United States Patent Office Facsimile Centre	Alexandria, VA	1.703.872-9306

Re: Serial No. 09/740,932

Inventor(s): Scott Pegrum et al.

Title: METHOD AND APPARATUS FOR ROUTING DATA TRAFFIC  
ACROSS A MULTICAST-CAPABLE FABRIC

Response to Office Action of December 29, 2004 attached.

PTO/SB/21 (08-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

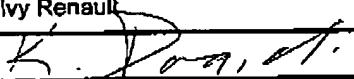
Application Number	09/740,932
Filing Date	12/21/2000
First Named Inventor	Scott Pegrum
Art Unit	2664
Examiner Name	Mark A. MAIS
Attorney Docket Number	9-13528-136US

19

**ENCLOSURES (Check all that apply)**

<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD. Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	Ogilvy Renault		
Signature			
Printed name	Kent Daniels		
Date	April 5, 2005	Reg. No.	44,206

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature	
Typed or printed name	Kent Daniels
Date	April 5, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (12-04V2)

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Effective on 12/02/2004.

Fee pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL For FY 2005

 Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)  
**120**

## Complete if Known

Application Number	09/740,932
Filing Date	12/21/2000
First Named Inventor	Scott Pegrum
Examiner Name	Mark A. MAIS
Art Unit	2664
Attorney Docket No.	9-13528-136US

## METHOD OF PAYMENT (check all that apply)

Check  Credit Card  Money Order  Nonc  Other (please identify): \_\_\_\_\_

Deposit Account Deposit Account Number: **19-5113** Deposit Account Name: **Ogilvy Renault**

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below  Charge fee(s) indicated below, except for the filing fee

Charge any additional fee(s) or underpayments of fee(s)  Credit any overpayments

under 37 CFR 1.16 and 1.17  
WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

## FEE CALCULATION

## 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fee (\$)	Small Entity	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

## 2. EXCESS CLAIM FEES

## Fee Description

Each claim over 20 (including Reissues)  
Each independent claim over 3 (including Reissues)  
Multiple dependent claims

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)
- 20 or HP =	x	=				
HP = highest number of total claims paid for, if greater than 20.						
Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)			
- 3 or HP =	x	=				
HP = highest number of independent claims paid for, if greater than 3.						

## 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. Sec 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

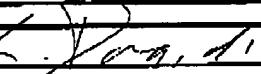
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x		=

## 4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): 1251 - Extension for response within first month

**120**

SUBMITTED BY		Registration No. (Attorney/Agent)	44,206	Telephone	613-780-8673
Signature		Name (Print/Type)	Kent Daniels	Date	April 5, 2005

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (12-04v2)

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## Complete if Known

Application Number	09/740,932
Filing Date	12/21/2000
First Named Inventor	Scott Pegrum
Examiner Name	Mark A. MAIS
Art Unit	2664
Attorney Docket No.	9-13528-136US

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	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
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Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

## 2. EXCESS CLAIM FEES

## Fee Description

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Small Entity	Fee (\$)	Fee (\$)
- 20 or HP =	x	=		50	25	
HP = highest number of total claims paid for, if greater than 20.				200	100	
Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	360	180	
- 3 or HP =	x	=				

HP = highest number of independent claims paid for, if greater than 3.

## 3. APPLICATION SIZE FEE

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Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x		

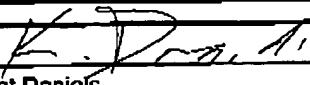
## 4. OTHER FEE(S)

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Other (e.g., late filing surcharge): 1251 - Extension for response within first month

Fee Paid (\$)

120

SUBMITTED BY		Registration No. (Attorney/Agent)	44,206	Telephone	613-780-8673
Signature				Date	April 5, 2005
Name (Print/Type)	Kent Daniels				

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## PATENT APPLICATION

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
Scott Pegrum et al.

Serial No: 09/740,932

Filed: December 21, 2000

For: Method And Apparatus For Routing Data Traffic Across A Multicast-Capable Fabric

Attorney Docket No.  
9-13528-136US

Group Art Unit: 2664

Examiner: Mark A. MAIS

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APR 05 2005

Assistant Commissioner for Patents  
Washington, D.C. 20231

## BOX - NON-FEE AMENDMENT/RESPONSE

Sir:

## AMENDMENT UNDER 37 C.F.R § 1.111

In response to the Office Action mailed December 29, 2004, the one month extended period for response being April 29, 2005, please amend the application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 13 of this paper.